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MEMORANDUM

TO: Ed Sierra, Region VI RPO

THRU: K. H. Malone, Jr., FITOM

FROM: Dorcas E. Kircher, FIT Geologist

DATE: January 16, 1990

TDD: F06-8910-47
PAN: F0K0336SAF

SUBJECT: Narrative Summary for Fibercast Company Site Screening Inspection, Sand Springs, Tulsa County, OK (OKD007217748)

Fibercast Company is located at 25 South Main Street, Sand Springs, Oklahoma. The company has been in operation on the site since 1948. From 1948 to 1964, the site was owned by the Sand Springs Home. From 1964 to 1981, the site was owned by Youngstown Steel and Tube Company. Since 1981, the site has been owned by Fibercast Company.

Fibercast Company manufactures fiberglass reinforced pipe, using the solvents acetone, methylene chloride, styrene and mineral spirits. The site is located upgradient from the Sand Springs Petrochemical National Priorities List (NPL) site and may be a source of ground water contamination identified at the NPL site.

The Preliminary Assessment (PA) of Fibercast Company provided information for characterizing the site and identified data gaps to be investigated during an on-site reconnaissance inspection. Data gaps were identified in the areas of site history, ground water characteristics, surface water characteristics and waste management practices.

DATA GAPS

Site History

Reinforced pipes have been manufactured at this location since 1948, under several owners. Prior to 1948, part of the property may have contained a railroad maintenance area and a cotton warehouse. The use of the property prior to 1948 needs to be determined.

PRELIMINARY REPORT
This does not constitute
final opinion of EPA

Reviewed by SH-ES
Date 1/31/90

Ground Water Characteristics

One upgradient monitoring well (MW 18) is located on-site. Several metals were found in concentrations above the detection limit in a sample from this well. The composition of the ground water downgradient from the site is unknown. Users of ground water from private supply domestic wells are documented, but the locations of the wells are unknown and must be determined.

Surface Water Characteristics

The runoff from the site is presumed to enter the city storm sewer system, and then flow into a holding pond which is pumped into the Arkansas River. The exact site runoff path needs to be determined. The site may lie within the 500 year floodplain. This information needs to be documented. The use of the Arkansas River within 15 downstream miles needs to be ascertained.

WASTE MANAGEMENT PRACTICES

Solid Waste Management Units (SWMUs) on-site consist of three underground storage tank (UST) units (with three, three and four tanks, respectively) and at least one 55 gallon drum storage unit. The compounds stored in these units include acetone, mineral spirits, naphtha, styrene and vinyl ester resin. The acetone is recycled on-site. There is no documentation of leakage from the USTs or drums, but there are no leak detection systems present. The contents of each UST and drum at each SWMU need to be determined.